

WHAT IS CLAIMED IS:

5.5 B1 } 1. A memory medium for storing image data and image-reproduction instruction data for instructing whether or not the image data is to be reproduced so that the image-reproduction instruction data specifies an image for which image reproduction is instructed, and that the specified image data can be selectively output based on the image-reproduction instruction data.

Sub D1 } 2. A memory medium according to Claim 1, wherein said memory medium also stores a program for controlling reproduction of the image data based on the image-reproduction instruction data.

3. A memory medium according to Claim 1 or 2, wherein the image-reproduction instruction data is stored for each image data.

4. A memory medium according to Claim 1 or 2, wherein the image-reproduction instruction data is provided for the name of each image data.

Sub D2 } 5. A memory medium according to Claim 1 or 2, wherein the image-reproduction instruction data comprises informa-

Sub 2 > tion for instructing image data to be reproduced stored in a specific file.

Sub B2 > 6. An image output control method comprising:  
a function of recognizing mounting of a recording medium;

a reading function of reading image-reproduction instruction data recorded in the recording medium based on the recognition of the mounting; and

a generation function of performing image generation for output by selectively reading necessary image data from the information recording medium in accordance with the image-reproduction instruction data.

7. An image output control apparatus comprising:  
recognition means for recognizing mounting of a recording medium;

reading means for reading image-reproduction instruction data recorded in the recording medium based on the recognition of the mounting; and

generation means for performing image generation for output by selectively reading necessary image data from the information recording medium in accordance with the image-reproduction instruction data.

8. An output control method comprising:

a determination function of determining mounting of a medium;

a discrimination function of discriminating whether or not an image output program is stored in the medium when the determination function has determined that the medium is mounted; and

a control function of controlling output so as to selectively output an image to be output in accordance with the image output program when the discrimination function has discriminated that the image output program is stored.

9. A method according to Claim 8, wherein said control function has a function of determining whether or not image-reproduction instruction data is stored in the medium, and wherein when it has been determined that image-reproduction instruction data is stored, said control function controls output so as to selectively output image data instructed by the image-reproduction instruction data.

10. A method according to Claim 8, wherein said control function includes a function of reading the image output program when the discrimination function has determined that the image output program is stored.

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11. An output control apparatus comprising:  
determination means for determining mounting of a  
medium;

discrimination means for discriminating whether or not  
an image output program is stored in the medium when said  
determination means has determined that the medium is  
mounted; and

control means for controlling output so as to selec-  
tively output an image to be output in accordance with the  
image output program when said discrimination means has dis-  
criminated that the image output program is stored.

12. An apparatus according to Claim 11, wherein said  
control means has a function of determining whether or not  
image-reproduction instruction data is stored in the medium,  
and wherein if the result of the determination is affirm-  
ative, said control means controls output so as to selec-  
tively output image data instructed by the image-  
reproduction instruction data.

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13. An apparatus according to Claim 11, further com-  
prising control means for controlling output of the image to  
be output in accordance with an output program incorporated  
within said apparatus when said discrimination means has  
discriminated that the image output program is not stored in

the medium.

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14. An apparatus according to Claim 13, wherein said control means includes a function of determining whether or not image-reproduction instruction data is stored in the medium, and wherein, when the result of the determination is affirmative, said control means controls output so as to selectively output image data instructed by the image-reproduction instruction data based on the output program incorporated within said apparatus.

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15. An output control method comprising:  
a determination function of determining whether or not a medium storing an image output program is set; and  
a control function of controlling output so as to selectively output an image to be output in accordance with the image output program if the result of the determination is affirmative.

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16. A method according to Claim 15, wherein said determination function also has a function of determining whether or not a medium storing image data is set.

17. A method according to Claim 15, wherein said determination function determines whether or not the medium stor-

ing the image output program and a medium storing image data are set.

18. A method according to Claim 15, wherein said determination function has a function of determining whether or not image data and image-reproduction instruction data are stored, and wherein, when it has been determined that these data are stored, said control function controls output so as to selectively output image data instructed by the image-reproduction instruction data.

19. A method according to Claim 15, wherein said control function includes a function of reading the image output program when said determination function has determined that the image output program is stored.

20. A method according to Claim 15, wherein said determination function determines setting of a medium, setting of the medium storing the image output program, and setting of a medium storing image data.

21. An output control apparatus comprising:  
determination means for determining whether or not a medium storing an image output program is set; and  
control means for controlling output so as to selec-

tively output an image to be output in accordance with the image output program if the result of the determination is affirmative.

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D6 } 22. An apparatus according to Claim 21, wherein said determination means also has a function of determining whether or not a medium storing image data is set.

23. An apparatus according to Claim 21, wherein said determination means determines whether or not the medium storing the image output program and a medium storing image data are set.

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D7 } 24. An apparatus according to Claim 21, wherein said determination means has a function of determining whether or not image data and image-reproduction instruction data are stored, and wherein, when it has been determined that these data are stored, said control means controls output so as to selectively output image data instructed by the image-reproduction instruction data.

25. An apparatus according to Claim 21, wherein said control means includes a function of reading the image output program when said determination means has determined that the image output program is stored.

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31. An apparatus according to Claim 7, wherein a program for controlling reproduction of the image data based on the image-reproduction instruction data is stored in the



medium.

32. An apparatus according to Claim 7, wherein the image-reproduction instruction data is stored for each image data.

33. An apparatus according to Claim 7, wherein the image-reproduction instruction data is provided for the name of each image data.

34. An apparatus according to Claim 7, wherein the image-reproduction instruction data comprises information for instructing image data to be reproduced stored in a specific file.

35. A method according to any one of Claims 6, 8 and 15, wherein the output is executed by one of hard copy output apparatuses, such as an ink-jet printer, a sublimation-type thermal printer, a silver-halide-film printer, and the like.

36. An apparatus according to Claim 7 or 11, wherein the output is executed by one of hard copy output apparatuses, such as an ink-jet printer, a sublimation-type thermal printer, a silver-halide-film printer, and the like.

37. A method according to any one of Claims 6, 8 and 15, wherein the output is executed by a soft-copy output apparatus, such as a cathode-ray tube, a liquid-crystal display, a plasma display or the like.

38. An apparatus according to Claim 7 or 11, wherein the output is executed by a soft-copy output apparatus, such as a cathode-ray tube, a liquid-crystal display, a plasma display or the like.

39. A memory medium comprising:  
a function of recognizing mounting of a recording medium;

a reading function of reading image-reproduction instruction data recorded in the recording medium based on the recognition of the mounting; and

a generation function of performing image generation for output by selectively reading necessary image data from the information recording medium in accordance with the image-reproduction instruction data.

40. A memory medium comprising:

a determination function of determining mounting of a medium;

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a discrimination function of discriminating whether or not an image output program is stored in the medium when the determination function has determined that the medium is mounted; and

a control function of controlling output so as to selectively output an image to be output in accordance with the image output program when the discrimination function has discriminated that the image output program is stored.

41. A memory medium comprising:

a determination function of determining whether or not a medium storing an image output program is set; and

a control function of controlling output so as to selectively output an image to be output in accordance with the image output program if the result of the determination by said determination function is affirmative.

42. An image output control apparatus comprising:

recognition means for recognizing mounting of a recording medium which stores image data and image-reproduction instruction data for instructing whether or not the image data is to be reproduced so that the image-reproduction instruction data specifies an image for which image reproduction is instructed, and that the specified image data can be selectively output based on the image-reproduction instruc-

tion data;

reading means for reading the image-reproduction instruction data recorded in the recording medium based on the recognition of the mounting of the recording medium by said recognition means; and

generation means for performing image generation for output by selectively reading necessary image data from the information recording medium in accordance with the image-reproduction instruction data.

43. An apparatus according to Claim 42, wherein a program for controlling reproduction of the image data based on the image-reproduction instruction data is stored in the recording medium.

44. An apparatus according to Claim 42 or 43, wherein the image-reproduction instruction data is stored for each image data.

45. An apparatus according to Claim 42 or 43, wherein the image-reproduction instruction data is provided for the name of each image data.

46. An apparatus according to Claim 42 or 43, wherein the image-reproduction instruction data comprises informa-

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tion for instructing image data to be reproduced stored in a specific file.

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47. An image output control apparatus comprising:

recognition means for recognizing reception of image data and image-reproduction instruction data in a format so that the image data can be selectively output in an output device based on the image-reproduction instruction data;

reading control means for reading the image-reproduction instruction data based on the recognition of reception of the image data and the image-reproduction instruction data by said recognition means; and

generation control means for selectively performing image generation for output for necessary image data from among the image data in accordance with the image-reproduction instruction data.

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48. An apparatus according to Claim 47, wherein the image-reproduction instruction data is stored for each image data.

49. An apparatus according to Claim 47, wherein the image-reproduction instruction data is provided for the name of each image data.

50. An apparatus according to Claim 47, wherein the image-reproduction instruction data comprises information for instructing image data to be reproduced stored in a specific file.

51. An apparatus according to Claim 47, wherein said recognition means recognizes reception of the image-reproduction instruction data and the image data.

52. An image output control apparatus comprising:  
data reading means for reading recorded data including image data and image-output instruction data recorded in an information recording medium;  
output-data generation processing means for outputting output data for output by reading necessary image data from the information recording medium in accordance with the image-output instruction data;  
output means for outputting the output data;  
data display means for displaying image-output instruction data and image data; and  
data processing means for analyzing the image-output instruction data.

53. An apparatus according to Claim 52, wherein said data display means displays a summary of data for specifying

an image to be output.

54. An apparatus according to Claim 52, wherein said data display means displays data for specifying image data recorded in the information recording media, and information indicating whether or not an instruction for outputting the displayed image data is present.

55. An image output control apparatus comprising:  
data reading means for reading recorded data including image data and image-output instruction data recorded in an information recording medium;  
output-data generation processing means for outputting output data for output by reading necessary image data from the information recording medium in accordance with the image-output instruction data;  
output means for outputting the output data;  
data display means for displaying data relating to image output;  
data processing means for analyzing the image-output instruction data; and  
means for recognizing a number of prints currently outputtable by said apparatus.

56. An apparatus according to Claim 55, wherein said

5.6 D11 } data display means compares the total number of output prints obtained by said data processing means with the number of currently outputtable prints obtained by said means for recognizing the number of currently outputtable prints, and performs alarm display when the number of prints to be output is larger than the number of outputtable prints.

5.6 B10 } 57. An image output control apparatus comprising:  
means for accessing an information recording medium;  
data reading means for reading recorded data including image data and image-output instruction data recorded in the information recording medium; and

determination means for determining whether or not data to instruct erasure of image data in the recorded data is present,

wherein if said determination means has determined that the erasure instruction data is present, image-output instruction data corresponding to that image data is erased based on the erasure instruction data.

5.6 D12 } 58. An apparatus according to Claim 55, further comprising data editing means for editing data of the information recording medium.

5.6 B11 } 59. An image output control apparatus comprising:



reading means for reading image-reproduction instruction data for instructing whether or not image data is to be reproduced recorded in an information recording medium storing the image data and the image-reproduction instruction data so that the image-reproduction instruction data specifies an image for which image reproduction is instructed, and that the specified image data can be selectively output based on the image-reproduction instruction data;

generation means for performing image reproduction for output by reading necessary image data from the information recording medium in accordance with the read image-reproduction instruction data; and

skip means for skipping an operation of outputting an image corresponding to image data for which the image-reproduction instruction data is provided when that image data is absent in the information recording medium.

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D13 } 60. An apparatus according to Claim 59, further comprising result-of-operation display means for displaying a result of an operation of said apparatus, wherein, when an output operation has been skipped, that fact is displayed using said result-of-operation display means.

5.5 B12 } 61. An image input control apparatus comprising:

input control means for inputting image data; and  
recording control means for recording image data corresponding to image-reproduction instruction data for instructing whether or not image data is to be reproduced, based on a format provided so that image-reproduction instruction data specifies image data for which image reproduction is instructed.

62. An apparatus according to Claim 61, wherein the image-reproduction instruction data and the image data are recorded in an information recording medium.

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